United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

JANUARY, 1932

☞Send no remittances to the United States Department of Agriculture

Any five of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. As many as five additional publications may be sent free if the applicant gives sufficient proof that they are urgently needed. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

Except in the case of exchanges, publications are not sent free to residents of foreign countries.

☞Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

GENERAL PUBLICATIONS

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Strawberry culture: South Atlantic and Gulf Coast region. George M. Darrow, Bureau of Plant Industry. 40 p., illus. (Farmers' Bulletin 1026 F., rev.) Price, 5¢.

Production of late or main-crop potatoes. William Stuart, Bureau of Plant Industry. 34 p., illus. (Farmers' Bulletin 1064 F., rev.) Price, 10¢.

How to grow an acre of potatoes. [Prepared especially for use in boys' and girls' club work.] William Stuart, Bureau of Plant Industry. 22 p., illus. (Farmers' Bulletin 1190 F., rev.) Price, 5¢.

Potato production in the South. William Stuart, Bureau of Plant Industry. 34 p., illus. (Farmers' Bulletin 1205 F., rev.) Price, 5¢.

Diseases, ailments, and abnormal conditions of swine. T. P. White, Bureau of Animal Industry. 28 p., illus. (Farmers' Bulletin 1244 F., rev.) Price, 5¢.

Karakul sheep. C. G. Potts, Bureau of Animal Industry. 10 p., illus. (Farmers' Bulletin 1632 F., rev.) Price, 5¢.

Measuring water in irrigation channels. R. L. Parshall, Bureau of Agricultural Engineering. 18 p., illus. (Farmers' Bulletin 1683 F.) Price, 5¢.

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins, except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Home mixing of fertilizers. C. C. Fletcher, Bureau of Chemistry and Soils. 8 p., illus. (Leaflet 70 L., rev.) Price, 5¢.

Controlling small gullies by bluegrass sod. R. E. Uhland, Bureau of Chemistry and Soils. 4 p., illus. (Leaflet 82 L.) Price, 5¢.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

Boron in irrigation waters. Carl S. Scofield and L. V. Wilcox, Bureau of Plant Industry. 66 p., illus. (Technical Bulletin 264 T.) Price, 20¢.

Morphologic and physiologic studies on stem-rust resistance in cereals. Helen Hart, Bureau of Plant Industry. In cooperation with the Minnesota Agricultural Experiment Station. 76 p., illus. (Technical Bulletin 266 T.) Price, 15¢.

Effect of various temperatures on the storage and ripening of tomatoes. R. C. Wright, W. T. Pentzer, T. M. Whiteman, and D. H. Rose, Bureau of Plant Industry. 35 p., illus. (Technical Bulletin 268 T.) Price, 15¢.

Hot water as an insecticide for the Japanese beetle in soil and its effect on the roots of nursery plants. Walter E. Fleming and Francis E. Baker, Bureau of Entomology. 42 p., illus. (Technical Bulletin 274 T.) Price, 15¢.

The fractionation of American gum spirits of turpentine and evaluation of its pinene content by optical means. S. Palkin, Bureau of Chemistry and Soils. 14 p., illus. (Technical Bulletin 276 T.) Price, 5¢.

The shedding of 4-lock and 5-lock bolls in upland cotton. R. E. Beckett and J. W. Hubbard, Bureau of Plant Industry. 16 p., illus. (Technical Bulletin 277 T.) Price, 5¢.

Effect of plant arrangement, equipment, and methods of operation in relation to breakage of bottles in milk plants. C. E. Clement, J. B. Bain, and Fred M. Grant, Bureau of Dairy Industry. 29 p., illus. (Technical Bulletin 280 T.) Price, 10¢.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

United States Food and Drug Administration methods of testing antiseptics and disinfectants. G. L. A. Ruehle and C. M. Brewer, Food and Drug Administration. 20 p., illus. (Circular 198 C.) Price, 10¢.

Future trading and the cash-grain markets. G. Wright Hoffman, Grain Futures Administration. 56 p., illus. (Circular 201 C.) Price, 15¢.

MISCELLANEOUS CIRCULARS

These circulars include those publications of a miscellaneous nature which do not fall within any of the other series issued by the department. The series closed with No. 110 and is replaced by the Miscellaneous Publications series.

Let's know some more trees. Brief descriptions of California trees. Charles H. Shinn, Forest Service. 38 p., illus. (Miscellaneous Circular 31 MC., rev.) Price, 5¢.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Editorial policy regarding the Journal of Agricultural Research. 8 p. (Miscellaneous Publication 3 MP., rev.) Price, 5¢.

List of bulletins of the agricultural experiment stations for the calendar years 1929 and 1930. Catherine E. Pennington, Office of Experiment Stations. 88 p. (Miscellaneous Publication 128 MP.) Price, 15¢.

Rice and its by-products for feeding livestock. E. W. Sheets and A. T. Semple. Bureau of Animal Industry. 9 p., illus. (Miscellaneous Publication 132 MP.) Price, 5¢.

The principal laws relating to the establishment and administration of the national forests and to other Forest Service activities. Prepared by the Forest Service. 31 p. (Miscellaneous Publication 135 MP.) Price, 5¢.

Some facts about the cotton outlook for 1932. 8 p., illus. (Miscellaneous Publication 139 MP.) Price, 5¢.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

Colorado, The Fort Collins area. (No. 27, Series 1927.) Price, 20¢.

Indiana, Miami County. (No. 24, Series 1927.) Price, 15¢.

Kansas, Doniphan County. (No. 25, Series 1927.) Price, 15¢.

Maryland, Harford County. (No. 26, Series 1927.) Price, 15¢.

Michigan, Crawford County. (No. 29, Series 1927.) Price, 20¢.

Michigan, Kalkaska County. (No. 28, Series 1927.) Price, 20¢.

Nebraska, Saline County. (No. 12, Series 1928.) Price, 10¢.

New Mexico, The Socorro and Rio Puerco areas. (No. 2, Series 1929.) Price, 15¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry for November, 1931. pp. 107–117. (S. R. A.–B. A. I. 295. Price, 5¢.

——— December, 1931. pp. 119–126. (S. R. A.–B. A. I. 296.) Price, 5¢.

Notices of judgment under the food and drugs act. Food and Drug Administration. pp. 189–233. (N. J., F. D. 18301–18350.) Price, 5¢.

Notices of judgment under the insecticide act. Food and Drug Administration. pp. 105–108. (N. J., I. F. 1211–1215.) Price, 5¢.

Japanese-beetle quarantine No. 48. Revision of regulations. Plant Quarantine and Control Administration. 12 p. (P. Q. C. A.–Q. 48, rev. Effective January 1, 1932.) Price, 5¢.

Satin moth quarantine No. 53. Revision of regulations. Plant Quarantine and Control Administration. 7 p., illus. (P. Q. C. A.–Q. 53, rev. Effective December 1, 1931.) Price, 5¢.

Service and regulatory announcements. Plant Quarantine and Control Administration. July–September, 1931. pp. 91–135. (S. R. A.–P. Q. C. A. No. 108.) Price, 5¢.

OTHER PUBLICATIONS

Physicochemical properties of edible-canna and potato starches. J. C. Ripperton. 48 p., illus. (Hawaii Bul. 63.) Price, 10¢.

Report of the Alaska agricultural experiment stations, 1930. 48 p., illus. Price, 15¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase of subscription from the Superintendent of Documents.

Agricultural situation. Vol. 16, No. 1, January 1, 1932. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.[1]

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, upper Michigan, lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3.00 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, $2.40 a year.[1]

Climatological data. Vol. 18, No. 8, August, 1931.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or $4 a year.[1] Not for general distribution.

Crops and markets. Vol. 8, No. 12, December, 1931; Vol. 9, No. 1, January, 1932.

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions and prices of agricultural products; and studies of prices and demand, both foreign and domestic

Experiment station record. Vol. 66, No. 1, January, 1932. Single numbers for sale only. Price 10¢.[1]

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; $1.25 a volume, foreign.

Extension service review. Vol. 3, No. 1, January, 1932. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.[1]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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Journal of agricultural research. Price, 20¢ a copy; $4 a year, domestic; $5.25 a year foreign.[1] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them, as long as the limited supply lasts.

——— Vol. 43, No. 10. November 15, 1931. Illus.

CONTENTS:

Two blue-staining fungi associated with bark-beetle infestation of pines. Key No. G–786. Caroline T. Rumbold.
Root development as related to character of growth and fruitfulness of the cotton plant. Key No. G–789. Frank M. Eaton.
Crown rot of Juglans in California. Key No. Calif.–58. Clayton O. Smith and James T. Barrett.
The soil versus the solution method as a means of studying bacterial activities in soil. Key No. Utah–28. J. E. Greaves and H. C. Pulley.
Changes in the chemical composition of mangels and rutabagas during storage. Key No. W. Va.–8. K. S. Morrow, R. B. Dustman, and H. O. Henderson.

——— Vol. 43, No. 11. December 1, 1931. Illus.

CONTENTS:

Hardiness studies with 2-year-old alfalfa plants. Key No. Nebr.–14. George L. Peltier and H. M. Tysdal.
The determination of sample size for diameter measurements in cotton fiber studies. Key No. Ark.–17. O. A. Pope.
Pathogenesis in the woolly-knot type of crown gall. Key No. G–792. E. A. Siegler and R. B. Piper.
The fasting metabolism of cattle as a base value of heat production in the determination of net energy of feeding stuffs. Key No. Pa.–36. E. B. Forbes, Winfred W. Brannan, Max Kriss, R. W. Swift, R. C. Miller, R. B. French, T. V. Letonoff, and G. R. Sharpless.
The metabolizable energy and net energy values of corn meal when fed exclusively and in combination with alfalfa hay. Key No. Pa.–36. E. B. Forbes, Winfred W. Braman, Max Kriss, R. W. Swift, R. C. Miller, R. B. French, T. V. Letonoff, and G. R. Sharpless.

Monthly weather review. Vol. 59, No. 9, September; No. 10, October, 1931. Illus. Price, 15¢ a copy; $1.50 a year, domestic; $2.25 a year, foreign.[1] Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

Public roads. Vol. 12, No. 11, January, 1932. Illus. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[1]

Snow and ice bulletin. Nos. 4–7, January 6, 13, 20, 27, 1932. 50¢ a year. Free distribution limited to cooperators with the Weather Bureau.

Issued on Tuesdays during the winter. Based on data from regular Weather Bureau and cooperative stations. As far as practicable all reports of snow and ice are given.

The official record. Vol. 11, Nos. 1–4, January 2, 9, 16, 23, 1932. Price, 5¢ a copy: 50¢ a year, domestic; $1.10 a year, foreign.[1]

Contains officials orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

Weekly weather and crop bulletin. Nos. 1–4, January 5, 12, 19, 26, 1932. Price, 50¢ a year, domestic; $1 a year, foreign.[1]

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Indicate below, by numbers, bulletins desired. In order to assure prompt delivery, detach this frank and return in stamped envelope to U. S. Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications.

Farmers' Bulletins	Leaflets	Technical Bulletins	Circulars	Miscellaneous Publications	Other publications

U. S. GOVERNMENT PRINTING OFFICE: 1932